

IN THE CLAIMS:

1. (currently amended) An image generator program providing apparatus, for sending an image generator program to a receiver apparatus for generating, said image generator program configured to generate images of a subject, each said image based on parameters ~~that a~~ having a different setting value ~~may generate a different image~~ and captured data obtained from said subject, ~~to a receiver apparatus that is the destination of the image generator program,~~ said image generator program providing apparatus comprising:

a communication device for communicating with said receiver apparatus; and

a controller device for sending to said receiver apparatus through said communication device a plurality of said images generated by executing said image generator program with different setting values of said parameters, and for sending, in accordance with the result of selection received through said communication device on the images desired by said receiver apparatus, said image generator program having the setting values of said parameters configured to comply with the selection result to the receiver apparatus through said communication device.

2. (original) An image generator program providing apparatus according to claim 1, wherein:

said controller device generates images having image display characteristics selectable in compliance with each of setting values of said parameters based on the result of processing by said image generator program configured to have different setting values of said parameters, sends thus generated images to said receiver apparatus through said communication device, and based on the result of selection by said receiver apparatus on the images desired thereby, sends an image generator program having setting values of said parameters configured to comply with said selection result through said communication device to said receiver apparatus.

3. (currently amended) An image generator program providing apparatus; for sending an image generator program to a receiver apparatus for generating, said image generator program configured to generate images of a subject, each said image based on parameters that a having a different setting value may generate a different image and captured data obtained from said subject, ~~to a receiver apparatus that is the destination of the image generator program;~~ said image generator program providing apparatus comprising:

a communication device for communicating with said receiver apparatus; and

a controller device for sending to said receiver apparatus through said communication device a plurality of images generated by executing said image generator program with captured data received from said receiver apparatus through said communication device and with various setting values of said parameters configured differently, and for sending, in accordance with the result of selection received through said communication device on the images desired by said receiver apparatus, said image generator program having the setting values of said parameters configured to comply with the selection result to the receiver apparatus through said communication device.

4. (original) An image generator program providing apparatus, according to claim 3, wherein:

said controller device generates images having image display characteristics selectable in compliance with each of setting values of said parameters based on the captured data received from said receiver apparatus through said communication device and on the result of processing by said image generator program configured to have different setting values of said parameters, sends thus generated images to said receiver apparatus through said communication device, and based on the result of selection by said receiver apparatus on the images desired thereby, sends an image generator program having setting values of said

parameters configured to comply with said selection result through said communication device to said receiver apparatus.

5. (currently amended) An image generator program providing apparatus according to claim 1 ~~or claim 3~~, wherein:

said image generator program is executed on a medical imaging apparatus including an X-ray CT (computed tomography scanning) and an MRI (magnetic resonance imaging) apparatus, which at least scans said subject to generate said captured data; and said medical imaging apparatus performs a reconstruction according to said captured data to generate medical images in compliance with parameters of image display characteristics.

6. (currently amended) An image generator program providing apparatus according to claim 1 ~~or claim 3~~, wherein:

said parameters includes parameter for high-pass filtering, coefficient for thinning out views, parameter for ~~back-projection~~; back-projection, coefficient for edge enhancement of images, filter frequency of band-pass filtering, coefficient for noise reduction, or parameter relating to the image reconstruction; and

said controller device executes said image generator program with different setting values of said parameters to generates a plurality of images, and send them to said receiver apparatus.

7. (currently amended) An image generator program providing system; for sending an image generator program ~~for generating from an originator apparatus that is a provider of the image generator program to a receiver apparatus that is the destination of the image generator program~~, said image generator program configured to generate images of a subject, each said image based on parameters that a having a different setting value may generate a different image and captured data obtained from said subject, ~~from an originator~~

~~apparatus that is a provider of the image generator program to a receiver apparatus that is the destination of the image generator program~~, said originator apparatus comprising:

a first controller device for sending to said receiver apparatus a plurality of said images generated by executing said image generator program with different setting values of said parameters, and for sending to the receiver apparatus said image generator program having the setting values of said parameters configured to comply with the selection result received from said receiver apparatus;

said receiver apparatus comprising:

a second controller device for selecting said images desired from said plurality of images received from said originator apparatus to send the result of selection back to said originator apparatus.

8. (original) An image generator program providing system according to claim 7, wherein:

said first controller device generates images having image display characteristics selectable in compliance with each of setting values of said parameters based on the result of processing by said image generator program configured to have different setting values of said parameters, sends thus generated images to said receiver apparatus, and based on the result of selection by said receiver apparatus on the images desired thereby, sends an image generator program having setting values of said parameters configured to comply with said selection result to said receiver apparatus; and

said second controller device selects desired images based on said images received from said originator apparatus to send the result of selection back to said originator apparatus.

9. (currently amended) An image generator program providing system according to ~~of claims 7~~ claim 7, wherein:

said image generator program is executed on a medical imaging apparatus including an X-ray CT (computed tomography scanning) and an MRI (magnetic resonance imaging) apparatus, which at least scans said subject to generate said captured data; and

said medical imaging apparatus executes said image generator program based on said captured data and according to the setting values of said parameters to reconstruct images, and generate images of said subject in compliance with the setting values of said parameters.

10. (currently amended) An image generator program providing system according to claim 7, wherein:

said parameters includes parameter for high-pass filtering, coefficient for thinning out views, parameter for ~~back-projection~~; back-projection, coefficient for edge enhancement of images, filter frequency of band-pass filtering, coefficient for noise reduction, or parameter relating to the image reconstruction; and

said originator apparatus executes said image generator program with different setting values of said parameters to generates a plurality of images, and send them to said receiver apparatus.

11. (newly added) An image generator program providing apparatus according to claim 3, wherein:

said image generator program is executed on a medical imaging apparatus including an X-ray CT (computed tomography scanning) and an MRI (magnetic resonance imaging) apparatus, which at least scans said subject to generate said captured data; and said medical imaging apparatus performs a reconstruction according to said captured data to generate medical images in compliance with parameters of image display characteristics.

12. (newly added) An image generator program providing apparatus according to claim 3, wherein:

said parameters includes parameter for high-pass filtering, coefficient for thinning out views, parameter for back-projection, coefficient for edge enhancement of images, filter frequency of band-pass filtering, coefficient for noise reduction, or parameter relating to the image reconstruction; and

said controller device executes said image generator program with different setting values of said parameters to generates a plurality of images, and send them to said receiver apparatus.

IN THE DRAWINGS:

Applicants respectfully request approval of the following drawing changes. Figure 1 has been amended to include label “213” and Figure 2 has been amended to include label “400” in accordance with the specification. Applicants hereby submit an “Annotated Copy” of Figures 1 and 2 showing the requested change in red permanent ink, and “Replacement Sheets” incorporating the changes to Figures 1 and 2. No new matter has been added.